

# CERTIFICATE OF ANALYSIS

(Certificate No. KML022004-01)

Release Date: 05/12/2024

Re-test Date: 04/12/2027

## 3,5-Dibromo-L-Tyrosine

### Identification

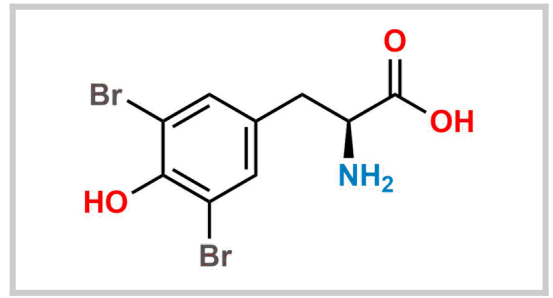
**Chemical Name :**  
(S)-2-Amino-3-(3,5-dibromo-4-hydroxyphenyl)propanoic acid

**CAT No.** : KML022004

**CAS No.** : 300-38-9

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>Br<sub>2</sub>NO<sub>3</sub>

**Molecular Weight** : 339.0



### Analytical Information

**Batch No.** : 66C7N

**Description** : White Solid

**HPLC Purity** : 99.90 %

**Weight Loss By TGA** : 0.16 %

**% Potency** : 99.74 %

**Solubility** : ACN : Water (1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.16(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.74 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		06/12/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA